Use Case

**1.**

**Use case name:**

Play a video

**Pre-conditions:**

* The user has selected a video

**Post-conditions:**

* The system plays the video and display it to the user

**Primary flow:**

1. The user signs in

2. The user selects a video

3. The system redirects to the video URL and plays that video

**Alternate flow:**

* When the user is not signed in at the primary flow 1

1A1. The systems doesn’t show any video for the user to select, and asks the user to search for a video

1A2. The user searches for a video in the search bar

**2.**

**Use case name:**

Suggest a new video

**Pre-conditions:**

* The user has watched some videos

**Post-conditions:**

* The system shows suggested videos based on videos that the user has watched

**Primary flow:**

1. The system shows suggested videos

**Alternate flow:**

* When the user is watching a video at the primary flow 1

1A1. The system displays suggested videos on the right side of the video

**3.**

**Use case name:**

Sign in

**Pre-conditions:**

* None

**Post-conditions:**

* The system shows the main page

**Primary flow:**

1. The user clicks on the “Sign in” button

2. The system redirects the user to the sign in page

3. The user types in their email address/phone number and password

4. The system signs in with the user’s email address and redirects the user to the main page

**Alternate flow:**

* When the user has already signed in and signed out before at the primary flow 2

2A1. The system shows previously signed in accounts in a dialog

2A2. The user clicks on their account or the “Use another account” button

* When the user doesn’t have a Google email account at the primary flow 3

3A1. The user clicks on the “Create account” button

3A2. The user types in their personal information, email address and password

3A3. The system creates a new Google account with the user’s email address

**4.**

**Use case name:**

Search for a video

**Pre-conditions:**

* None

**Post-conditions:**

* The system shows a search result

**Primary flow:**

1. The user searches for a video on the search bar

2. The system shows many videos as a search result

**5.**

**Use case name:**

Make a playlist

**Pre-conditions:**

* The user has signed in

**Post-conditions:**

* The system creates a playlist

**Primary flow:**

1. The user clicks on the ⋮ (three vertical dots) to the right of the video title

2. The user clicks on the “Save to playlist” button

3. The user clicks on the “Create new playlist” button

4. The user types in the playlist title and sets its privacy

5. The system creates a playlist and saves that video to the playlist

**Alternate flow:**

* When the user is watching a video at the primary flow 1

1A1. The user clicks on the “Save” button under the video

1A2. Proceeds to step 3

**6.**

**Use case name:**

Upload a video

**Pre-conditions:**

* The user has signed in

**Post-conditions:**

* The system creates a video

**Primary flow:**

1. The user clicks on the “Create” button

2. The user clicks on the “Upload video” button

3. The system redirects to the upload page

4. The user clicks on the “Select file” button

5. The user chooses a video

6. The user types the video title

7. The user chooses a few settings for the video

8. The user chooses a visibility setting

9. The user clicks on the “Save” button

10. The system uploads the video

**Alternate flow:**

* When the user doesn’t click on the “Select files” button at the primary flow 4

4A1. The user drags a video into the web page

4A2. Proceeds to step 6